Appl. No. 10/525,319

Amdt. dated June 30, 2006

Reply to Office Action of December 30, 2005

Attorney Docket No. 1217-050589

Amendments to the Claims:

No claimed Amendments are being made at this time.

Listing of Claims:

1. (Previously Presented) A functional sheet having a reinforcing material comprising a sheet-like functional material comprised of a functional material powder and a binder resin, and, bonded thereto, a reinforcing sheet laminated on the sheet-like functional material,

wherein the reinforcing sheet comprises a woven or non-woven fabric cloth, having a basis weight of from 10 to 400 g/cm 2 , the fiber diameter of a fiber constituting the reinforcing sheet is from 10 to 150 μ m.

- 2. (Previously Presented) The functional sheet having a reinforcing material according to claim 1 wherein the binder resin is an un-sintered polytetrafluoroethylene resin and contained in an amount of from 50 to 1 % by weight based on the total amount of the sheet-like functional material.
- 3. (Previously Presented) The functional sheet having a reinforcing material according to claim 1 wherein the functional material powder comprises one kind or two or more kinds selected from active carbon, graphite, carbon black, bamboo charcoal, charcoal, titanium oxide, zinc oxide, lead oxide, silica, clay, metal powder, expanded graphite, water absorbing polymer, silica gel, mildew proofing agent and antibacterial agent.
- 4. (Previously Presented) The functional sheet having a reinforcing material according to claim 1, which is an embossed reinforcing material-having functional sheet.
- 5. (Original) An electrode for electric double-layer capacitors which comprises a sheet-like electrode material comprising a carbon fine powder and a fluorine-containing polymer resin and, laminated thereon, a reinforcing sheet, which are bonded.

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6. (Original) The electrode for electric double-layer capacitors according to claim 5 wherein the reinforcing sheet comprises any one of a cloth, a mesh, a non-woven fabric cloth and an expand sheet, and has a thickness of from 0.01 to 1.0 mm.

- 7. (Previously Presented) The electrode for electric double-layer capacitors according to claim 5 wherein the carbon fine powder comprises active carbon and/or conductive carbon, and the fluoropolymer resin is polytetrafluoroethylene.
- 8. (Previously Presented) The electrode for electric double-layer capacitors according to claim 5 wherein the fluorine resin is contained in an amount of not more than 15 % by weight in the electrode material.
- 9. (Previously Presented) An electric double-layer capacitor comprising the electrode for electric double-layer capacitors according to claim 5.
- 10. (Previously Presented) The functional sheet having a reinforcing material according to claim 2 wherein the functional material powder comprises one kind or two or more kinds selected from active carbon, graphite, carbon black, bamboo charcoal, charcoal, titanium oxide, zinc oxide, lead oxide, silica, clay, metal powder, expanded graphite, water absorbing polymer, silica gel, mildew proofing agent and antibacterial agent.
- 11. (Previously Presented) The functional sheet having a reinforcing material according to claim 2, which is an embossed reinforcing material-having functional sheet.
- 12. (Previously Presented) The functional sheet having a reinforcing material according to claim 3, which is an embossed reinforcing material-having functional sheet.
- 13. (Previously Presented) The electrode for electric double-layer capacitors according to claim 6 wherein the carbon fine powder comprises active carbon and/or conductive carbon, and the fluoropolymer resin is polytetrafluoroethylene.

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14. (Previously Presented) The electrode for electric double-layer capacitors according to claim 6 wherein the fluorine resin is contained in an amount of not more than 15 % by weight in the electrode material.

- 15. (Previously Presented) The electrode for electric double-layer capacitors according to claim 7 wherein the fluorine resin is contained in an amount of not more than 15 % by weight in the electrode material.
- 16. (Previously Presented) An electric double-layer capacitor comprising the electrode for electric double-layer capacitors according to claim 6.
- 17. (Previously Presented) An electric double-layer capacitor comprising the electrode for electric double-layer capacitors according to claim 7.
- 18. (Previously Presented) An electric double-layer capacitor comprising the electrode for electric double-layer capacitors according to claim 8.